



# TRANSMISSION OIL

## Higher performance means higher demands

Today's gearboxes and transmissions are designed to perform at higher levels than ever before. This in turn demands that high quality and increasingly complex gear lubricants must be used. Valvoline gear oils have been developed following many years of research, development, and field experience. The result is a range of oils that are designed to meet the extreme performance demands of today's gearboxes and transmissions.



# HIGH-PERFORMANCE GEAR OIL

High Performance (HP) gear oils are formulated with premium base stocks and additives to provide excellent gearbox performance and protection. They offer smooth running gear operation under various temperature conditions, as well as provide protection against wear and corrosion. Recommended for use in cars, trucks and buses.

## HP Gear Oils

- > Formulated with a special additive system to provide optimal performance and protection
- > Offers smooth shifting under various temperature conditions
- > Protection against wear and corrosion



### High Performance GL-5 LS 80W-90

- > For limited slip axles
- > Special additives reduces noise in limited



### High Performance GL-5 80W-90/85W-140

- > For rear axles and transaxles



### High Performance GL-5 PC 75W-80

- > Specially developed to meet the latest Peugeot, Citroen, Renault requirements for manual transmissions

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Performance Levels/  
Approvals >  
High Performance  
GL-5 LS 80W-90  
API GL-5, MIL-L-2105D,  
MACK GO-J

Performance Levels/  
Approvals >  
High Performance  
GL-5 80W-90/85W-140  
API GL-5, MIL-L-2105D,

Performance Levels/  
Approvals >  
High Performance  
GL-5 PC 75W-80  
API GL-5, MIL-L-2105C/D,  
Peugeot, Citroen, Renault

Material Number Table	1L	5L	20L	60L	208L
HP GL-5 LS 80W-90	VE15500		VE15506	VE15517	VE15518
HP GL-5 80W-90	VE15600	VE15611	VE15606	VE15617	VE15618
HP GL-5 85W-140			VE15626	VE15637	VE15638
HP GL-5 PC 75W-80	VE17400			VE17417	



# HIGH PERFORMANCE GEAR OIL



## HP Gear Oil GL-4 80W-90, 80W

- > For use in most types of manual transmissions and transaxles with API GL-4 specification
- > Offers smooth running gear operation under various temperature conditions
- > Protects against rust and corrosion

Performance Levels/  
Approvals >  
**HP GL-4 80W-90**  
 API GL-4  
**HP GL-4 80W**  
 API GL-4, MB Approval 235.1,  
 ZF TE-ML-02/17



## HP GL-5 Plus 80W-90

- > Prevents component failure, reduction of film thickness, changes to low-temperature performance, deposit formation, and creation of harmful acidic components and seal leakage

Performance Levels/  
Approvals >  
**High Performance Plus  
GL-5 80W-90**  
 API GL-5, MB Approval 235.20,  
 MAN 342 ML, 342 Typ M-2,  
 Scania 1:0; ZF TE-ML 07A, 08



## DT Transmission Oil 10W, 30, 50

- > A heavy duty lubricant designed and recommended for applications requiring oils meeting the Caterpillar TO-4 or the Allison C-4 specifications
- > Formulated from premium base stocks and a select additive system to meet the challenging demands of modern equipment
- > Designed for use only in transmissions and drive trains, and should not be used as an engine oil. Suitable for Caterpillar's road building equipment with wet brakes.

Material Number Table	1L	20L	60L	208L
HP Plus GL-5 80W-90		VE15676		VE15678
HP GL-4 80W	VE15722			VE15738
HP GL-4 80W-90	VE15700	VE15706	VE15717	VE15718
DT Transmission Oil 10W				VE17818
DT Transmission Oil 30				VE15738
DT Transmission Oil 50				VE17858